



NEWSLETTER of the Wisconsin Entomological Society

Volume 11, Number 1

Editor: Mark H. Evans

January, 1983

Editor's Notes:

First, on behalf of our members, I would like to thank our outgoing officers for their fine efforts on behalf of our Society during the past year: J. Mark Scriber, President; Sue Borkin, Vice President; and Herb Grimek, Treasurer. (Phil Pellitteri, secretary, whom we also thank, was reelected for 1983.)

Second, I would like to thank Dean Faber for his job as editor since August, 1978. During his editorship our Society has seen an increasing emphasis on quality in our newsletter. Again, we all thank him.

I have now volunteered to act as the new editor of our newsletter but, in reality, I am acting more as a co-coordinator of ideas in conjunction with the help and advice of all of the new officers and several other people as well. We would like to invite input of any sort from members. One idea we would like to encourage is the writing of regular regional feature articles or notes by some of our members from the northern part of the State as well as elsewhere. Please contact me regarding whatever ideas you may have.

We are going to try to develop a newsletter format that emphasizes news of our members to stimulate more communication and awareness of our resources. Further, toward that end, we plan to get out at least two issues per year, with the next Newsletter due in your mailbox by June. The cost of the Newsletter has been a chief limiting factor to the number of issues per year that our society could produce. In the coming year we will do our best to keep the quality of our newsletter up while keeping the number of issues just as frequent as our budget will permit.

Think of ideas you feel might further the needs and interests of our membership and share them.

Mark H. Evans
240 Russell Labs., U.W., Madison
Madison, Wisconsin 53706

New Officers:

We are proud to announce our new officers for the 1983 season. We have included here a brief biography of each (as well as a photograph of each on the next page), to help you become better acquainted.

President: Dr. Robert L. Jeanne

Bob Jeanne grew up near New York City but completed high school in Ohio. He got his B.S. from Denison University and then studied on a fellowship in Germany for a year before going to Harvard, where he earned his A.M. and Ph.D. studying social insects under E.O. Wilson. Since 1970 he has taught at the University of Virginia and Boston University before coming to the faculty at U.W. Madison in 1976. Counting papers presented at meetings, book chapters, and reviews, Bob has authored or coauthored nearly 40 scientific papers in English and Portuguese on temperate and Neotropical social Hymenoptera. Much of his recent work has concentrated on Polistes and Polybia communication. Bob has been in the Neotropics a total of over 3 years, counting 6 trips to Brazil, 3 to Costa Rica, and other trips throughout Central America, Colombia, and Surinam. Although mainly collecting only voucher specimens related to his fieldwork, he enjoys closeup photography of arthropods and has an extensive photographic slide collection of his trips and research.

Bob has been married to his wife, Louise, for almost 7 years. They have a son, Thomas, who is 3 years old, and someone else, on the way, who is expected to arrive in April.



Photographs, clockwise from top left: Bob Jeanne (taken by H. Downing in Costa Rica in Oct., 1982), Walt Gould, Greg Lintereur, Mark Evans, and Phil Pellitteri (taken by editor: Jan., 1983).

Vice President: Walter Gould

Walt is a native Wisconsinite, growing up most of his life in the Green Bay area. Influenced both by his mother, who had collected insects as a girl, and by his uncle, George Gould, who was an extension entomologist at Purdue, Walt became interested in collecting insects, especially butterflies, at a very early age. Although he attended U.W. Madison as a freshman in 1973, Walt enlisted in the U.S. Army in 1974, spending most of the next three years in Fort Hood, Texas. While serving as an intelligence analyst in the army, he spent much of his free time collecting butterflies around the base. Later, Walt completed his B.S. in Population Dynamics/Biology at U.W. Green Bay and then came down to Madison to attend graduate school in entomology. He completed his M.S. in 1982, working under Bob Jeanne, studying the effectiveness of Polistes wasps as a biological control of cabbage butterfly larvae. He is now working toward a Ph.D. under Dave Hogg, studying parasites of the alfalfa weevil. Besides collecting insects (and trying to keep his Chevy running), Walt enjoys painting Lepidoptera, and reading science fiction.

Secretary: Phil Pellitteri

Phil has been a lifetime resident of Madison, Wisconsin. He received both his B.S. and M.S. in entomology from U.W. Madison. After graduating in 1977, he worked as a private consultant for 6 months collecting and identifying insects for impact statements for private corporations around the State. Then Phil was hired as the U.W. Madison's "Insect Diagnostician." This keeps him busy handling phone calls, giving pest control advice, and identifying insects and other arthropods which are sent in from county extension officers. Phil has also written or updated 15 extension bulletins and organizes extension slide sets. He has also taught some of the 5 week "short-courses" for agricultural professionals designed as a practical orientation to insects of economic importance.

Although Phil has a personal collection of insects (specializing in scarab and carabid beetles), he finds his main recreation through bow hunting, marathon running, and softball.

Phil's wife is Teresa who works at Dane County Mental Health as an Occupational Therapist. They have two children, Molley, who is 3 and Nicholas, who is 4 months.

Treasurer: Greg Lintereur

Greg has been a resident of Marinette, Wisconsin most of his life. He attended college at the University of Wisconsin, Marinette Center in 1976 and 1977 before coming to U.W., Madison to get his B.S. in Entomology in 1979. An avid amateur collector of Lepidoptera and Coleoptera, he has worked for nearly 4 years as a technician for two Entomology Department (U.W., Madison) faculty members.

Greg worked for Dr. J.M. Scriber on alfalfa insects and in a research project studying the ecology of Papilionidae and Saturniidae and is presently working for Dr. Daniel Mahr, an extension entomologist. Under Dr. Mahr, Greg has worked on a qualitative survey of insects associated with cranberries and assisted a graduate student, Nino Ravdin, on her work in the ecology of apple leaf miners and their parasitoids.

Although Greg has done most of his insect collecting in Wisconsin, he has been to Florida three times in the past few years and is planning a month long trip to Louisiana starting in mid-March, 1983. Besides insect collecting, Greg also enjoys photographing both insects and birds.

Editor: Mark H. Evans

Mark spent his childhood on a dairy farm in Upstate New York before moving with his family to Camden, New Jersey to attend high school. For college, Mark returned to New York State, earning a B.S. in entomology from Cornell in 1973. He then received an M.S. in behavior in Forest Entomology from S.U.N.Y. College of Environmental Science and Forestry in Syracuse. After spending a year teaching anatomy and physiology to nurses at St. Lawrence University, Mark moved to Ohio in June, 1978 to work as an entomologist at the Cincinnati Zoo, where the first building

at an American zoo designed just to display living arthropods was about to be opened. The building opened in August, winning international exhibit and breeding awards. In 1979, Mark collected insects in Panama for exhibits at the Zoo. In 1980, he moved to Madison, Wisconsin to work full time in research as a Specialist for J.M. Scriber, who had just been awarded a National Science Foundation grant to study the ecology of Papilionidae, Saturniidae, and their larval host plants.

Having collected insects since gradeschool, Mark has a personal collection of around 7,000 specimens with best representations in Coleoptera, Diptera, and Moths. Nearly 50% of his collection is material from a 100 acre site in New York State, where he is planning to do a life-long survey. Besides collecting insects, Mark enjoys closeup photography, camping, woodworking, and raising exotic house plants.

Mark has been married to his wife, Judy, for over 3 years and has 2 step-children, Jeannie, age 17, and Jerry, age 15.

Meeting Announcements:

February 8....."The sex life of dragonflies" by Dr. Hugh Robertson
March 8....."Natural history of Wisconsin checkerspot butterflies" by Walter Gould
April "What people really want to know about insects" by Phil Pellitteri
Maymeeting at the Milwaukee Public Museum
September "Encounters with arthropods and plants in Costa Rica" by Mark Evans
 and Bill Warfield
OctoberPhoto Salon [see details below]
November open and waiting for a volunteer.....
DecemberAnnual meeting and Christmas Party (location and date to be announced)

(All meetings, except otherwise stated, will be in Room 150, Russell Labs, at the corner of Babcock & Linden, UW-Madison, 7:30 p.m.)

PHOTO SALON

O.K., all you shutterbugs, let's have some fun and try something a little different. The idea for the October meeting is for you to bring one or more (maximum of five) of your best, most interesting, most curious, or most outrageous photographs of insects (or entomologists) to show the group. Your photograph can be special in any of a number of ways: it may be an unusual insect, or a not-so-unusual insect doing something unusual; it may be just an outstandingly good photograph technically, or it may illustrate a novel photographic technique (infrared, UV, 3D, etc.), or be a shot of you or a colleague in an exotic place, or doing something of interest to the rest of us. In short, anything about which you can tell an interesting entomological tale, however brief.

Your photos may be either 2 x 2 slides, or they may be prints, color or black and white. We will have carousels and a projector available, and prints can be mounted on the corkboard in Room 150. If any of you have other formats (film, video tape, etc.) let us know and we will do our best to accommodate you. The idea will be for each person either to say a few words about his slide(s) or prints, or at least to be ready to answer questions about them. How much time is available to each will depend on the number of entries. Let's tentatively limit each person to 5 minutes.

At the September meeting we will ask how many present plan to submit photos, just to get an idea of whether it will go or not. If you will not be at the September meeting, but want to be counted in, try to drop us a card or call. This could be a lot of fun and provide a nice opportunity to share experiences.

Treasurer's Report:

Balance in account: 31 December 1981.....\$393.48
Total disbursements (for postage and printing costs)..... 313.10
Total receipts (membership dues and memorial gifts)..... 460.35

1982 Sustaining memberships (donations of \$10.00):

S.S.Borkin, L.A.Ferge, M.Klein, G.L.Lintereur, D.L.Radke, J.M.Scriber

1982 Patron memberships (donations of \$25.00):

R.Habermehl

1982 Memeorial Gifts:

Mrs.William E. Sieker donated \$50.00

Adeline E. Steffen donated \$15.00

****Balance in account: 31 December 1982.....\$540.73
(Receipts for 1982 were \$147.25 greater than disbursements.)

Insects in the News:

by Phil Pellitteri

I am going to make an attempt to make this a regular item in the Newsletter. Throughout the year there are numerous newspaper and television reports on insect "plagues," what new "defenses" mankind is developing against the insect hords, and, "What does the 'woolly bear' say about the coming winter?" Some of the reports are factual, others are highly misleading. This column will contain my opinion and biases on Insects in the News.

** A recent import into the State, which has received little fanfare, but is making quite an impact, is the German Yellow Jacket, Vespula germanica. On outward appearance, this small vespid has the general shape, size, and color of our native yellow jacket. It has an affinity for nesting in and around human habitations. Toward the end of summer, it becomes quite a scavenger, feeding on fermenting fruit, meat scraps, bakery products, soft drinks, and even salami sandwiches. All of these "bad habits" lead to a dramatic increase of people-problems in the fall. It has been documented in other states, that the number of urban wasp complaints has increased 600% after this species becomes established. Bob Jeanne reports that V. germanica has become the dominant vespid species in the student collections as of last year. It has a habit of displacing the native species, and even attacks honey bee colonies when it is foraging. The German Yellow Jacket has been in the State for the last 3-4 years, and we have noticed a marked increase in late summer "bee" complaints in the diagnostics lab. If your neighbor asks, "What's wrong with the bees?"....It probably is our new European import.

** The Gypsy Moth continues to be of concern. A total of 266 adult males have been caught, statewide. A majority of these have been caught in the towns of Monona, Madison, and the surrounding Dane County area. The hope is that the numbers of introductions into the State will decrease once the populations in the Eastern U.S. decline. Even with all of these "reports, we have yet to see one tree become defoliated from Gypsy Moths.

A Field Trip Report: Costa Rica

My graduate student, Holly Downing, and I spent most of September and October in Guanacaste Province, Costa Rica, making field observations on social wasps. We are particularly interested in how colonies organize work, and we turned up some interesting species differences. Species of paper wasp (Polistes), which form small colonies (5-20 adults) have a rather rudimentary form of division of labor, with a good deal of independent activity on the part of workers. On the other hand, colonies of Polybia, whose populations reach several hundreds, have highly organized work forces. Polybia workers may be quite specialized -- for example as foragers for a particular material, or as builders -- at least over the short term, and the activities of the different "teams" of workers appear to be well coordinated via communication so as to keep the overall operation running fairly efficiently. Our hope is to return in 1984 to pursue the study in greater detail.

Guanacaste, in the northwestern corner of the country, is the dry province. The region receives about 70 inches of rain a year -- wet by our standards -- but most of it comes between May and November, leaving the rest of the year dry indeed. Most of the tree species drop their leaves, and grasses turn brown. Insect abundance drops with the cessation of plant growth. (This stress is felt by our social wasps as well, for they stop rearing brood, the adult wasps occupying otherwise empty nests.) With the beginning of the rainy season comes the flush of new leaves, flowering by many plant species, and the mushrooming of insect abundance and diversity.

This strong seasonality notwithstanding, the climate is quite tropical, and even in the dry season insect collecting can yield profitable results. We stayed at Hacienda La Pacifica, a modern motel and trailer park right on the Pan American Highway. Many biologists, both amateur and professional, make La Pacifica their headquarters when in the area. The owners and operators, the Hagnauers, speak English and are especially cordial toward such visitors, and go out of their way to be helpful. The motel is surrounded by ideal collecting habitats, ranging from river-edge forest to the semi-open grassland typical of upland areas, to pasture and cropland. The rates are reasonable (about \$10 per night for a comfortable cabin), and their restaurant serves excellent food for \$5-6 per day. Even the tap water is safe to drink. For recreation, there is the swimming pool, fishing in the river, or one can rent a horse and ramble over the extensive trails through field and forest of the Hagnauer's large farm. It's an ideal place to spend a collecting vacation.

Costa Rica is a gem of a little country to visit. It is extremely diverse in topography and tropical habitat, and its recent administrations have had the foresight to set aside numerous (24 at last count) national parks to preserve areas of unique natural value for recreation and scientific study. These include volcanoes, rain forests, mountain tops, coral reefs, just pretty beaches, and even beaches where sea turtles (several species) come to lay their eggs. The country is easy on tourists and entomologists alike, and getting around in it is easy, fast, and cheap. After all, it's only a little over a third the size of Wisconsin.

Robert L. Jeanne

Profiles:

The purpose of "Profiles" is to better acquaint our Society's members with each other, to increase awareness of some of our member's areas of expertise, and to stimulate communication and cooperation between both amateurs and professionals. Please don't be shy. Provide some information on yourself or suggest candidates for inclusion in future newsletters. This will help us get to know each other better. (Photographs will be included as availability and cost permits.) Contact Mark Evans (240 Russell Labs, U.W., Madison, Madison, Wisc. 53706).

Dr. Daniel Young arrived in Madison in August, 1982 from Michigan State University where he earned his B.S., M.S., and Ph.D. One of those people interested in insects since grade school, he became more specialized as an undergraduate, concentrating on Coleoptera. Including papers presented at professional meetings, he has



published nearly 2 dozen articles covering the immature stages, morphology, ecology, behavior, phylogeny, zoogeography, and systematics of several families of Coleoptera including Lycidae, Pedilidae, Salpingidae, Scraptiidae, Tenebrionidae, Anthicidae, and Pyrochroidae. From his own collecting in Canada, the Mid-west, Western U.S. and Hawaii as well as from trading with other collectors around the world, Dan has amassed a personal collection of Coleoptera numbering over 80,000 specimens. (He is eagerly interested in trading Coleoptera with other collectors, so keep him in mind.) He was active in the Michigan Entomological Society, and served as their president for the 1979-1980 term. Presently, Dan is teaching the laboratory sections of the introductory entomology courses at U.W., Madison and reorganizing the teaching and reference collections used in instruction.

Dan has been married to his wife Joanie since 1975. Joanie, who has a Masters in nursing, works as a Clinical Nurse Specialist at Methodist Hospital. They have a son, Michael, who is 11 months old.

(Photo by editor.)

Dr. Michael Collins arrived last summer from Art Shapiro's lab in California to work as a Post Doc in Dr. J. M. Scriber's lab at U.W., Madison. Michael has been internationally known for over 20 years for his work on giant silk moths. When he was 18 years old he coauthored with R. Weast a 138 page book entitled Wild Silk Moths of the United States. Since then he has published several papers on Saturniidae dealing with the population dynamics and the genetics and ecology of Hemileuca, Saturnia, and Hyalophora. His work in Wisconsin involves a genetics study of hybridization, speciation, and host plant adaptations in Saturniidae and Papilionidae using morphological and electrophoretic comparisons. Through collecting and trading, Michael has developed an extensive series of many Saturniidae and looks forward to meeting other collectors with whom he can trade.

We should also mention that Michael just got married to Brenda Campbell on Dec. 16. Brenda, besides having assisted Michael in much of his fieldwork, is a concert violinist taking advanced studies at U.W. Madison. Michael also has three children by a previous marriage: Jane, 19, Norah, 14, and Andrew, 8.

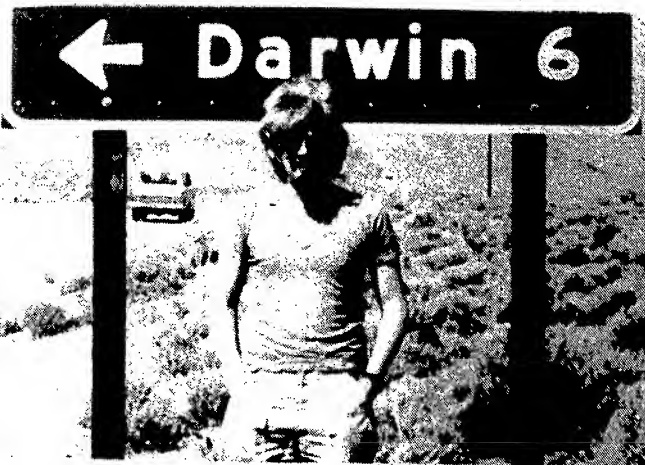


Photo taken by Brenda Collins near Darwin, Calif. in the spring of 1981.

Notes and News of Members:

- ***Dr. Alan Young of the Milwaukee Public Museum will be in Costa Rica doing research on plant pollination from late February until early April, 1983. This will be his 45th trip to Costa Rica in the past 14 years.
- ***Greg Lintereur will be travelling through eastern Texas to New Orleans, from 15 March to 15 April. Anyone interested in insects from that area, should contact Greg at: Apt. 631, 1402 Regent Street, Madison. (Phone #: 255-3981)
- ***Bill Warfield (Specialist in Plant Pathology) and Mark Evans (Specialist in Entomology) will both be in Costa Rica in March, 1983. Are there any special taxa of invertebrates you would like them to look for? Write to either of them in care of their departments, UW-Madison, Madison, Wisconsin 53706.
- ***Les Ferge, one of our Society's "Founding Fathers," so-to speak, long time active member and former Society president, is engaged to be married to Carol Blankenheim of Middleton, Wisconsin, on March 19 th. Congratulations and best wishes from all of us.

Classifieds:

- ***Glass-topped Cornell-style insect pinning drawers are for sale at 15-18 dollars each, depending on type of finish. Contact Mark Evans at 608-833-4479, weekday evenings until 9.
- ***The Entomology Graduate Club announces that orders will be taken for T-shirts bearing "UW Entomology" and one of two logos: "Weevil Overcome" with a picture of a weevil, or "Papillon D'Amour" with a picture of a Pthirus pubis (human crab louse). The T-shirts come in a variety of colors and sizes and cost \$5. Contact Walt Gould at: 237 Russell Labs, 1630 Linden Drive, Madison, Wisconsin for order forms.
- ***Would you like to go to Trinidad to collect insects? For \$750 you can join a group being organized by Betty Faber of the American Museum of Natural History to spend 2 full weeks in Trinidad and Tobago from 9 to 23 June 1983. This fee includes transportation, room, meals, and attendance at an evening lecture series on the invertebrate and vertebrate fauna of the area. Contact Wonderbird Tours, 500 5th Ave., A-19, New York, New York 10036.

Membership List:

Please note that we have recently been contacted by W.E.S. members who were not sure if we had them on our mailing list. We don't know for certain whether or not our list is now complete. If your name has been omitted, please forgive us and let us know. We will add any omissions to our next newsletter, along with the names of new members. Current members who lapse in dues payment for more than two years will be dropped from the membership and mailing list. (In the following list, if an asterisk appears next to a member's name, our records show a need for late dues payment: 1982 as well as 1983.) [DUES ARE \$4.00 /YEAR.]

[--Where we have such information in our records, we have indicated special interests of each member following his/her address.]

- * Ackerman, Jarqucline / 4102 Lowell St., Two Rivers, Wi. 54241 / Coleoptera, Strepsiptera, Hymenoptera.
- Andrews, Elaine / 3142 View Rd., Madison, Wi. 53711 / Extension, Life history, Behavior.
- Anhilger, Carl / Box 40, Clearwater Lake, Wi. 54518 / Collecting.
- * Antone, John / 6509 Putland Pl., Falls Church, Va. 22044
- * Anway, Cathy / Dept. of Ent., UW-Madison, Madison, Wi. 53706
- Barina, Carol / 4240 N. Main St. #308, Racine, Wi. 53402 / Collecting, Lepidoptera, Coleoptera.
- Balough, George / 7438 Apt. D, Grant Village, St. Louis, Mo. 63123 / Collecting, Lepidoptera of Pine Barrens, Lycaenidae.

- *Beaver, Wilfred E. / 418 E. Main St., Sparta, Wi. 54656.
- Benjamin, Daniel / 533 Piper Dr., Madison, Wi. / Behavior, Ecology, Lepidoptera.
- Behnke, Charles / 2718 Arbor Dr., Madison, Wi. 53706 / Photography, collecting.
- Borkin, Susan / Milwaukee Public Museum, 800 W. Wells St., Milwaukee, Wi. 53233 / Behavior, Ecology, Lepidoptera, Odonata.
- *Boush, Mallory / Dept. of Ent., UW-Madison, Madison, Wi. 53705 / Insect Pathogens.
- Broadbent, David / 17 Globe Heights Dr. Racine, Wi. 53406 / Behavior, Ecology, Lepidoptera, Hymenoptera, Diptera.
- *Bruns, Mrs. Ernst / 3602 Council Crest, Madison, Wi. 53711.
- *Burkholder, Wendell / Dept. of Ent., UW-Madison, Madison, Wi. / Stored Products Pests, Pheromones, Behavior.
- Bybee, David / 1896 108th St., Franksville, Wi. 53126 / Behavior, Life History, Hymenoptera, Diptera.
- Campana, Barb / 6112 Zimmerman, Albuquerque, N.M. 87110.
- Capps, Dan / 702 Whitehall Dr., Madison, Wi. 53714 / Collecting, Lepidoptera, Coleoptera.
- Catlin, Lynn Remkus / 3343 N. Bartlett Ave., Milwaukee, Wi. 53211 / Aquatics, Lepidoptera, Odonata, Hymenoptera.
- *Clemens, Tim / 210 Highland Ave., Madison, Wi. 53705 / Extension, Photography.
- Collins, Michael / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Ecology, Behavior, Saturniidae.
- Conde, Raphael / 433 W. Gilman #301, Madison, Wi. 53703.
- Conrad, Marlin / Rt. 2, 2230 Muller Rd., Sun Prairie, Wi. 53590.
- Conway, Patrick / 4533 Stanley, Downers Grove, Ill. 60515 / Rhopalocera, Satyridae.
- Coppel, Harry C. / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Biocontrol, Hymenoptera.
- Crohin, Dennis / 1525 Howe St., Racine, Wi. 53403 / Behavior, Collecting, Lepidoptera, Hymenoptera.
- Custer, Mrs. Howard, 5737 Cedar Pl., Madison, Wi. 53705.
- d'Amato, Lisa / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Medical Ent.
- DeSwarte, David / 870 W. Silver Spring, Milwaukee, Wi. 53225
- *Dicke, Robert / 3717 Council Crest, Madison, Wi. 53711 / Culicidae.
- Drecktrah, H. Gene / Biology Dept., UW-Oshkosh, Oshkosh, Wi. 54901 / Collecting, Photography, Aquatics, Trichoptera, Coleoptera, Lepidoptera.
- Dudor, David / 10670 S. Howell Ave., Oak Creek, Wi. 53154 / Behavior, Hymenoptera, Orthoptera.
- *Elliot, Candice, Dept. of Plant Path., UW-Madison, Madison, Wi. 53706
- *Esenther, Glenn / 5102 Barton Rd., Madison, Wi. 53711 / Isoptera.
- Evans, Mark H. / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Collecting, Photography, Rearing.
- *Faber, Dean / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Hymenoptera, Arachnida.
- Ferge, Leslie / 7119 Hubard Ave., Middleton, Wi. 53562 / Collecting, Life History, Macroheterocera, Rhopalocera.
- Ferge, Mrs. Florence / 2302 Town Line Rd., Wausau, Wi. 54401 / Lepidoptera, Collecting.
- Fluke, Barnaby / 841 Broadway #307, Milwaukee, Wi. 53202 / Collecting.
- Gojmerac, Walter / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Medical Ent.
- Gould, Walter / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Collecting, Lepidoptera.
- Grimek, Herb / 1719 Chadbourne Ave., Madison, Wi. 53705 / Collecting, Coleoptera.
- Grimstad, Paul / 54611 N. 28th St., South Bend, In. 46635.
- Habermehl, Robert / 4201 South 91st St., Greenfield, Wi. 53228 / Collecting, Ecology, Papilionidae.
- *Hainze, John / Dept. of Ent., UW-Madison, Madison, Wi. 53706.
- Hammang, Joseph P. / 5821 Raymond Rd. #2, Madison, Wi. 53711 / Ecology, Life History, Coleoptera, Lepidoptera.
- *Harrington, Jane / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Taxonomy, Hymenoptera, Hemiptera.
- Hildabrant, Drew / 5122 W. Willow Rd., Mequon, Wi. 53092 / Collecting, Ecology, Carabidae, Cicindellidae.
- Hildabrandt, Donald / 4235 Erie St., Apt. 431, Racine, Wi. 53402 / Behavior, Ecology, Coleoptera, Hymenoptera.
- Hilsenhoff, William / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Aquatics.
- *Hogg, David / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Life History, Ecology, Behavior.

- Jass, Joan P. / 1171 N. 44th St., Milwaukee, Wi. 53208 / Behavior, Ecology, Arachnida.
- Jeanne, Robert / Dept. of Ent., UW-Madison, Madison, Wi. / Social Hymenoptera.
- * Karl, Tom / 3418-A Meridian Ave., Seattle, Wa. 98103.
- * Kleene, Stephen / 1514 Wood Lane, Madison Wi. 53705.
- Klein, Michael / 1520 Silver Rd., Wooster, Oh. 44691 / Biocotrol, Scarabaeidae.
- * Knutson, Allen / Rt. 2, Box 288A, Aradia, Wi. 54612.
- * Koval, Charles / Dept. of Ent., UW-Madison, Madison, Wi. 53706.
- Kraemer, Mary / 930 Emerald St., Madison, Wi. 53705 / Behavior, Ecology, Lepidoptera, Hymenoptera.
- Kuehn, Roger M. / 546 Jordan Cr., Colgate, Wi. 53017 / Collecting, Lepidoptera.
- * Lang, Jean / 222 Chamberlain, Madison, Wi. 53705.
- Lange, Kenneth / Devil's Lake St.Pk., Baraboo, Wi. 53913 / Aquatics, Behavior, Life History, Lepidoptera, Coleoptera, Hymenoptera.
- Leary, Robert E. / 420 Hazel St., Oshkosh, Wi. 54901 / Collecting, Photography, Lepidoptera.
- Lintereur, Greg / 1402 Regent St., Madison, Wi. 53711 / Lepidoptera, Papilionidae.
- Luckeys, Ken / Rt. 2, Clinton, Wi. 53525.
- MacArthur, Kenneth / 15900 W. Morterey Dr., New Berlin, Wi. 53151 / Medical Ent., Diptera.
- Martin, Robert G. / 1310 Orange St., Racine, Wi. 53424 / Behavior, Life History, Ecology, Urban Pests.
- Mather, Tom / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Behavior, Ecology, Medical Ent.
- Matzka, Curtis / 1817 Wesley Ave., Jainsville, Wi. 53545 / Lepidoptera, Saturniidae.
- McClaron, Sandra / 1625 Center, Racine, Wi. 53403 / Behavior, Collecting, Life History, Orthoptera, Hymenoptera, Coleoptera.
- Mertins, Jim / Dept. of Ent., Iowa State Un., Ames, Ia. 50011 / Ecology, Photography, Biocontrol, Hymenoptera, Diptera.
- Meyer, Sandra / 7707 W. Boblink Pl., Milwaukee, Wi. 53233 / Behavior, Collecting, Lepidoptera.
- Murray, Robert R. / Milwaukee Public Museum, 800 W. Wells, Milwaukee, Wi. 53233 / Behavior, Collecting, Photography, Carabidae, Cicindellidae.
- Narf, Phillip / 2405 Waunona Way, Madison, Wi. 53713.
- Narf, Richard 3911 Fish Hatchery Rd., Madison, Wi. 53711 / Plecoptera
- Nielson, Morgens / 3415 Overlea Dr., Lansing, Mi. 48917.
- Olson, Lee / 1898 Elm Dr., West Bend, Wi. 53095 / Collecting, Hesperidae, Lycaenidae.
- Otto, Lorrie / 9701 N. Lake Dr., Milwaukee, Wi. 53217 / Ecology.
- Parker, Tom / 5009 Thorson Rd., Rt. 1, Sun Prairie, Wi. 53590.
- Parkenson, Jim / 219 Harding Ave., Kingford, Mich.
- Pellitteri, Philip / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Extension, Collecting, Coleoptera.
- * Phillips, Joel / Dept. of Ent., UW-Madison, Madison, Wi. 53706.
- Pleyte, Tom / 4825 W. Sunnyside Dr., Milwaukee, Wi. 53208 / Lepidoptera, Coleoptera, Odonata.
- Pleyte, Mark / Rt. 1, Box 159, Amberg, Wi. 54102 / Collecting, Taxonomy, Carabidae, Noctuidae.
- Plonczynski, Maria / 2611 N. Stowell Ave., Apt. B, Milwaukee, Wi. 53211 / Ecology, Behavior, Coleoptera, Odonata.
- * Powers, Randy / 9286 Tomahawk Dr., W255N, Sussex, Wi. 53089.
- Prescott, John M. / 369 East Gore Rd., Erie Pa. 16509.
- Radke, David / 5769 Lake Dr., Oconomowoc, Wi. 53066.
- Rosek, Paul V. / 1325 Rawson Ave., South Milwaukee, Wi. 53172 / Behavior, Collecting, Lepidoptera, Papilio.
- Sargent, Justin / 6203 Hammersley Rd., Madison, Wi. 53711.
- Scholl, Philip / Agriculture Canada, Research Station, Lethbridge, Alberta, Canada, T1J4B1 / Medical Ent., Collecting.
- * Schroeder, Richard / 5572 Guilford Rd. #2, Madison, Wi. 53711.
- Schuh, Beth / 1933 Monroe St., Madison, Wi. 53715 / Life History, Hymenoptera, Forest Insects.
- * Scott, Walter / 1712 Hickory Dr., Madison, Wi. 53705.
- Scriber, J. Mark / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Life History, Behavior, Lepidoptera.

- Severson, Stephen / Rt. 2, Arcadia, Wi. 54612 / Aquatics, Collecting, Behavior, Physiology, Medical Ent.
- *Severson, Mrs. Wilfred / 6517 Elmwood Ave., Middleton, Wi. 53562.
- Shapas, Ted / 4311 Farmington Ln., Racine, Wi. 53403 / Aquatics, Behavior, Urban I.P.M.
- *Threlfall, Maarit / 5518 Barton Rd., Madison, Wi. 53711 / Agricultural insects.
- *Threlfall, Anna / Rt. 3, Box 130, Muscoda, Wi. 53573.
- *Topezewski, Robert / 3261 S. 8th St., Milwaukee, Wi. 53227.
- Turnbull, Jay / 2412 S. 77th St., West Allis, Wi. 53219 / Behavior, Collecting, Ecology, Nymphalidae, Lycaenidae, Satyrium.
- *Tuttle, Thomas / 3232 Rodney La., Racine, Wi. 53406 / Behavior, Hymenoptera.
- Tracy, Bryn / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Aquatics, Systematics, Dytiscidae.
- Vogel, Thomas / 522 Wisconsin Ave., Kewaunee, Wi. 54216 / Collecting, Ecology.
- Wagner, Michael / School of Forestry, Box 4098, N. Arizona U., Flagstaff, Az. 86011 / Apiculture, Behavior, Ecology, Life History.
- Was, Howard / 2880 Mark Dr., Brookfield, Wi. 53005.
- Wildman, Randy / Dept. of Ent., UW-Madison, Madison, Wi. 53706 / Aquatics.
- Williams, Rory D. / 1209 West Futh Ave., Oshkosh, Wi. 54901 / Collecting, Ecology, Lycaenidae.
- Young, Allen W. / Milwaukee Public Museum, 800 W. Wells St., Milwaukee, Wi. 53233 / Behavior, Ecology, Life History, Lepidoptera, Diptera, Homoptera.
- Young, Daniel / 1942 Wyoming Ave., Sun Prairie, Wi. 53590 / Anthicidae, Melandryidae, Chrysomelidae.
- Zimmerman, James H. / 2114 Van Hise Ave., Madison, Wi. 53705.
- Zieman, S.E. / 715 Dorelle St., Kiewaunee, Wi. 54216.
- Zukrow, Leon / 2719 E. Beverly Rd., Shorewood, Wi. 53211 / Collecting, Taxonomy, Micro-Lepidoptera, Odonata.

Poll and Request for Dues Payment:

We would like to poll the membership as to their preference for meeting times.

PLEASE ENCLOSE YOUR BALLET WITH YOUR 1983 DUES PAYMENT AND MAIL TO:

Secretary: Wisc. Ent. Soc.
 Phil Pellitteri
 Dept. of Entomology
 Russell Labs.
 UW-Madison
 Madison, Wisconsin 53706

Pick one of the following three alternatives and circle it. If you have circled statement #2 or #3, then also circle the day(s) of the week preferable to you.

- #1. Keep the meeting times as they have been, on the second Tuesday of each month.
- #2. Have the meetings on the second (.....) of the month, rather than on Tuesdays. [PICK ONE OF THE FOLLOWING: Mon. Wed. Thur. Sat.]
- #3. Alternate between any two days of the week. [PICK TWO: Mon. Tues. Wed. Thur. Sat.] (If statement number 3 wins, the two days receiving the most votes will be used in the future.)

Another question we would like to ask is: "Would you like to have the winter month meetings (Dec., Jan., Feb.) on Saturdays during the day instead of on weekday evenings?" Please write "yes" or "no" on the following line: _____